



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : J. Richard Aylward et al.
Serial No. : 09/313,058
Filed : May 17, 1999
Title : DIRECTIONAL DECODING

Art Unit : 2747
Examiner : Unknown

Hon. Commissioner for Patents
Washington, D.C. 20231

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INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449, copies of which are enclosed. A copy of a communication from a foreign patent office in a counterpart application is also enclosed.

This statement is being filed before a first Office action on the merits. I, the undersigned, hereby certify that each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application, the communication being dated August 6, 2002, which is not more than three months prior to the filing of this statement.

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I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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Filed : May 17, 1999
Page : 2

Attorney's Doc. No.: 02103-354001 / AABOSS05

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Respectfully submitted,

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| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 02103-354001 | Application No. 09/313,058 |
| Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant J. Richard Aylward et al. | |
| | | Filing Date May 17, 1999 | Group Art Unit 2747 |

U.S. Patent Documents

| Examiner Initial | Desig. ID | Patent Number | Issue Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|---------------|------------|----------------|-------|----------|----------------------------|
| | AA | 5,046,098 | 9/3/1991 | Mandell et al. | | | 6/1/1989 |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
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Foreign Patent Documents or Published Foreign Patent Applications

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |
|------------------|-----------|-----------------|------------------|--------------------------|-------|----------|----------------------------|
| | AL | 0 593 128 A | 4/20/1994 | EPO | | | X <input type="checkbox"/> |
| | AM | 01 144900 A | 6/7/1989 | Japan | | | X <input type="checkbox"/> |
| | AN | 05 236599 A | 12/20/1993 | Japan | | | X <input type="checkbox"/> |
| | AO | | | | | | |
| | AP | | | | | | |

Other Documents (include Author, Title, Date, and Place of Publication)

| Examiner Initial | Desig. ID | Document |
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| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |